

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Offic**Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/069,668 04/29/98 AHN

K 303.466US1

021186 MM91/1120
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH
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EXAMINER

COLEMAN, W

ART UNIT

PAPER NUMBER

2823

DATE MAILED:

11/20/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Advisory Action	Application No.	Applicant(s)
	09/069,668	AHN ET AL.
	Examiner	Art Unit

W. David Coleman	2823
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--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 26 October 2000 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either a timely filed amendment which places the application in condition for allowance or a Notice of Appeal. Alternatively, applicant may obtain further examination by timely filing a request for a Continued Prosecution Application (CPA) under 37 CFR 1.53(d).

PERIOD FOR REPLY [check only a) or b)]

- a) The period for reply expires 3 months from the mailing date of the final rejection.
- b) In view of the early submission of the proposed reply (within two months as set forth in MPEP § 707.07 (f)), the period for reply expires on the mailing date of this Advisory Action, OR continues to run from the mailing date of the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Extensions of time may be obtained under 37 CFR 1.136 (a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked.

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will be entered upon the timely submission of a Notice of Appeal and Appeal Brief with requisite fees.
3. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search. (see NOTE below);
 - (b) they raise the issue of new matter. (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: ____.

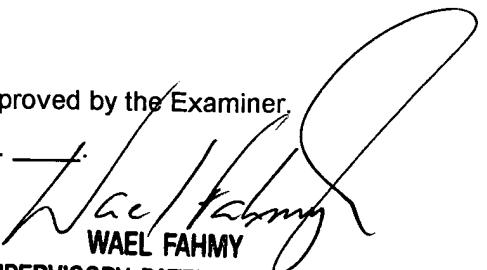
4. Applicant's reply has overcome the following rejection(s): _____.
5. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
6. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
7. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
8. For purposes of Appeal, the status of the claim(s) is as follows (see attached written explanation, if any):

Claim(s) allowed: _____.

Claim(s) objected to: 6.

Claim(s) rejected: 1-5, 7-28 and 32-39.

Claim(s) withdrawn from consideration: 29 and 30.
9. The proposed drawing correction filed on _____ a) has b) has not been approved by the Examiner.
10. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
11. Other: _____



WAEL FAHMY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

The entire emitter structure is region 22, 23 and 25a which are polysilicon & metal. The emitter is not entirely poly nor entirely a metal but a combination thereof wherein the metal substitutes a portion of the entire emitter contact above the surface. Also the claims do not specify a particular process that defines the substitution, therefore the claims are particularly broad and lends itself to a broad interpretation.

DETAILED ACTION

Summary of Claims

1. Claims 1-5, 7-28 and 32-39 are rejected under 35 U.S.C. 102(b) as being anticipated by Takemura, U.S. Patent 5,587,326.
2. Claim 6 is objected to.
3. Claims 29 and 30 are subject to restriction and/or election requirement.

Response to Arguments

4. See 37 CFR 1.193(a)(2) which provides for the inclusion of the proposed rejection(s) detailed below in the Examiner's Answer if applicant elects to file an appeal to the Board of Patent Appeals and Interferences in this proceeding. To be complete, such rejection(s) must be addressed in any brief on appeal.

5. Upon appeal and entry of the amendment:

Claims 1-5, 7-28 and 32-39 would be rejected for the reasons set forth in **35 U.S.C 102(b)** as being anticipated by **Takemura (U.S. Patent 5,587,326)** of the final Office Action mailed June 21, 2000.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to W. David Coleman whose telephone number is 703-305-0004. The examiner can normally be reached on 9:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael M. Fahmy can be reached on 703-308-4918. The fax phone numbers for the

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organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-308-7721 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

WDC
November 6, 2000